(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 7 April 2005 (07.04.2005)

PCT

(10) International Publication Number WO 2005/031936 A1

- (51) International Patent Classification7: H02G 3/12, 1/00
- (21) International Application Number:

PCT/NO2004/000250

- (22) International Filing Date: 19 August 2004 (19.08.2004)
- (25) Filing Language:

Norwegian

(26) Publication Language:

English

(30) Priority Data:

20033663 20042772 19 August 2003 (19.08.2003) NO 1 July 2004 (01.07.2004) NO

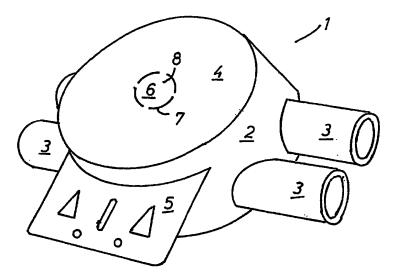
(71) Applicant (for all designated States except US): BETEK

- (71) Applicant (for all designated States except US): BETEK NORGE AS [NO/NO]; P.O.Box 2139, N-5504 Haugesund (NO).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): YTRELAND, Olav [NO/NO]; Gardveien 6, N-5515 Haugesund (NO). ROSSEBØ, Beathe [NO/NO]; Gardveien 6, N-5515 Haugesund (NO).

- (74) Agent: PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS; P.O.Box 5074 Majorstuen, N-0301 Oslo (NO).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: DEVICE FOR JUNCTION BOX



(57) Abstract: A description is given of a method of installing a junction box (1) for electrical conductors and any other cables in a concealed installation in a building component such as a wall, a ceiling or a floor, the method comprising the steps of: a) attaching the junction box (1) to the building structure in the normal manner, b) drawing conduits and fixing these to the junction box for conduits, c) covering the building component, junction box and conduits with covering building elements, d) locating the junction boxes, e) drilling an opening for access to the junction box, wherein the junction box (1) used has a cover (4) with one or more magnets (6) for indicating the centre of drilling for opening up access to the junction box (1), and that the localization in step d) includes the application of a powder which is attracted by magnetism, on the surface of the covering building element, causing the powder to form spots over each magnet, and where the centre of the spots indicates the drilling centre for step e).





Declarations under Rule 4.17:

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,

BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

— of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.